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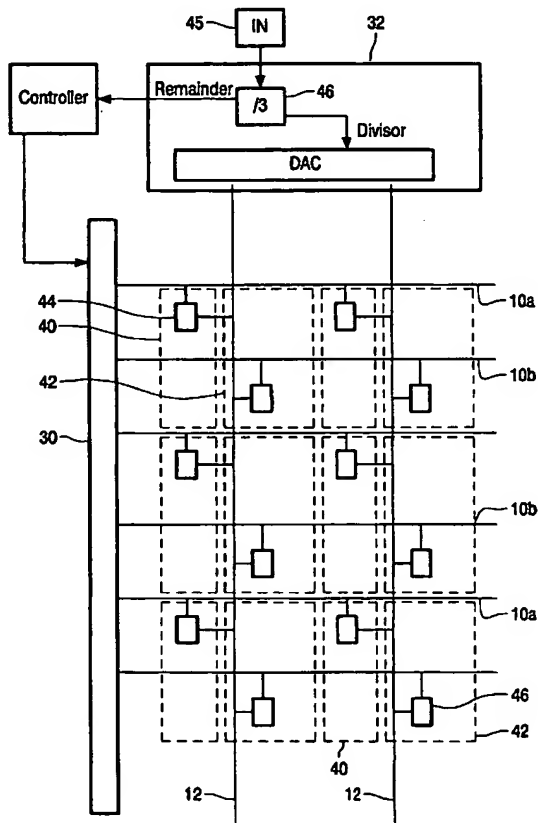
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(54) Title: **ACTIVE MATRIX DISPLAY**



(57) Abstract: An active matrix display has a column driver for providing signals to the pixels for driving the display elements, the column driver comprising digital to analogue converter circuitry providing a first number of display element drive levels. Within each pixel, the first number of display element drive levels is converted into a second, greater number, of pixel grey levels. This combines multi-level digital to analogue conversion with in-pixel level generation and enables the complexity of the DACs to be reduced so that they can be integrated onto the display substrate, for example using low temperature polysilicon processing.



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